

In the claims: The claims are as follows:

1. (Currently amended) A method for use by a user equipment—(UE)—device—(18) enabled for communication with other telecommunication devices via a network including a radio access network—(17-21) and providing general packet radio service—(GPRS), the method for use by the UE user equipment device—(18) in responding to a message from the network indicating a change in a service access point identifier (SAPI)—connection from an old SAPI service access point identifier to a new SAPI service access point identifier, the method characterized by comprising:

~~a step (60e) in which the UE user equipment device—(18), in response to an indication from the network of a change from the old SAPI service access point identifier to the new SAPI service access point identifier, sets setting a timer for a period of time; and~~

~~a step (60q) in which the UE user equipment device—(18) terminates terminating the old SAPI service access point identifier.~~

2. (Currently amended) The method of claim 1, wherein in the step ~~(60q) of terminating the old SAPI service access point identifier, the old SAPI service access point identifier is not terminated until after the period of time expires, wherein the period of time is predetermined to be long enough for the network to send to the new SAPI service access point a message providing compressions for the new SAPI service access point,~~

~~the method thereby providing that for the period of time set on the timer, the UE device (18) keeps the old SAPI active and handles messages received on both the old SAPI and the new SAPI.~~

3. (Original) A method as in claim 1, wherein the timer period is set to approximately 15 seconds.

4. (Currently amended) A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor in a UEuser equipment device-(18), with said computer program code characterized in that it includes instructions for performing the steps of the method of claim 1.

5. (Currently amended) A user equipment-(UE) device-(18) enabled for communication with other telecommunication devices via a network including a radio access network-(17-21) and providing general packet radio service-(GPRS), the UEuser equipment device-(18) adapted for responding to a message from the network indicating a change in a service access point identifier (SAPI) connection from an old SAPIservice access point identifier to a new SAPIservice access point identifier, the UEuser equipment device-(18) characterized by comprising:

means-(60e), responsive to an indication from the network of a change from the old SAPIservice access point identifier to the new SAPIservice access point identifier, for setting a timer for a period of time; and

means-(60q) for terminating the old SAPIservice access point identifier.

6. (Currently amended) The UEuser equipment device-(18) of claim 5, wherein the means-(60q) for terminating the old SAPIservice access point identifier is so adapted that the old SAPIservice access point identifier is not terminated until after the period of time expires, and wherein the period of time is predetermined to be long enough for the network to send to the new SAPIservice access point a message providing compressions for the new SAPIservice access point,

~~the UE device (18) thereby adapted so as to provide that for the period of time set on the timer, the telecommunication device~~

~~(18) keeps the old SAPI active and handles messages received on both the old SAPI and the new SAPI.~~

7. (Currently amended) A telecommunication system, comprising a user equipment—UE device—(18) and a network including a radio access network—(17-21) and providing GPRSgeneral packet radio service, wherein the UEuser equipment device—(18) is as claimed in claim 5.

8. (Currently amended) A method for use by a telecommunication network in communicating with a user equipment—UE device—(18) enabled for communication with other telecommunication devices, the network including a radio access network—(17-21) and providing general packet radio service—(GPRS), the method for use in indicating to the UEuser equipment device—(18) a change in a service access point identifier (SAPI)—connection from an old SAPIservice access point identifier to a new SAPIservice access point identifier, the method including:

~~a step (60a) of providing to the UEuser equipment device—(18) a request to change to the new SAPIservice access point identifier;~~

~~a step (60f) of removing compressions from the old SAPIservice access point identifier; and~~

~~a step (60k) of providing compressions for the new SAPIservice access point identifier;~~

~~the method characterized by wherein the network continuing continues to provide messages for the old SAPIservice access point identifier after providing to the UEuser equipment device the request to change to the new SAPIservice access point identifier and also providing provides the messages for the new SAPIservice access point identifier.~~

9. (Currently amended) A telecommunication network adapted for

communicating with a user equipment—(UE) device—(18), the network including a radio access network—(17-21) and providing general packet radio service—(GPRS), the telecommunication network adapted for indicating to the UEuser equipment device—(18) a change in a service access point identifier (SAPI)—connection from an old SAPIservice access point identifier to a new SAPIservice access point identifier, the telecommunication network including:

means—(60a) for providing to the UEuser equipment device—(18) a request to change to the new SAPIservice access point identifier;

means—(60f) for removing compressions from the old SAPIservice access point identifier; and

means—(60k) for providing compressions for the new SAPIservice access point identifier;

~~the telecommunication network characterized by wherein the network continuing is configured to continue to provide messages for the old SAPIservice access point identifier after providing to the UEuser equipment device the request to change to the new SAPIservice access point identifier and also providing to provide the messages for the new SAPIservice access point identifier.~~

10. (Currently amended) A system, comprising a UEuser equipment device—(18) and a telecommunication network including a radio access network—(17-21) and providing GPRSgeneral packet radio service, wherein the telecommunication network is as in claim 9.

11. (Currently amended) A method, as in claim 1, wherein the indication of a change from the old SAPIservice access point identifier to the new SAPIservice access point identifier is provided by a packet data protocol (PDP) CONTEXT MODIFY REQUESTcontext modify request.

12. (Currently amended) A method, as in claim 11, wherein the

timer is set by a subnetwork dependent convergence protocol layer of the UE user equipment device in response to an SNSM subnetwork session management MODIFY INDICATION modify indication message issued by a session management entity of the UE user equipment device in response to the PDP packet data protocol context modify request CONTEXT MODIFY REQUEST.

13. (New) A user equipment device as in claim 5, wherein the indication of a change from the old service access point identifier to the new service access point identifier is included in a packet data protocol context modify request.

14. (New) A user equipment device as in claim 13, further comprising a session management entity and a subnetwork dependent convergence protocol layer, and the subnetwork dependent convergence protocol layer is configured to set a timer in response to a subnetwork session management modify indication message issued by the session management entity in response to the packet data protocol context modify request.

15. (New) A method as in claim 8, wherein the request to change to the new service access point identifier is included in a packet data protocol context modify request.

16. (New) A telecommunication network as in claim 9, wherein the request to change to the new service access point identifier is included in a packet data protocol context modify request.

17. (New) A user equipment device enabled for communication with other telecommunication devices via a network including a radio access network and providing general packet radio service, the user equipment device adapted for responding to a message from the network indicating a change in a service access point identifier connection from an old service access point identifier to a new

service access point identifier, the user equipment device comprising a subnetwork dependent convergence protocol configured to:

receive an indication from the network of a change from the old service access point identifier to the new service access point identifier, and then set a timer for a period of time; and
terminate the old service access point identifier.

18. (New) The user equipment device of claim 17, wherein the subnetwork dependent convergence protocol is so adapted that the old service access point identifier is not terminated until after the period of time expires, and wherein the period of time is predetermined to be long enough for the network to send to the new service access point a message providing compressions for the new service access point.

19. (New) A user equipment device as in claim 17, wherein the indication of a change from the old service access point identifier to the new service access point identifier is included in a packet data protocol context modify request.

20. (New) A user equipment device as in claim 19, further comprising a session management entity and a subnetwork dependent convergence protocol layer, and the subnetwork dependent convergence protocol layer is configured to set a timer in response to a subnetwork session management modify indication message issued by the session management entity in response to the packet data protocol context modify request.

21. (New) A telecommunication network adapted for communicating with a user equipment device, the network including a radio access network and providing general packet radio service, the telecommunication network adapted for indicating to the user

equipment device a change in a service access point identifier connection from an old service access point identifier to a new service access point identifier, the telecommunication network comprising equipment configured to:

provide to the user equipment device a request to change to the new service access point identifier;

remove compressions from the old service access point identifier; and

provide compressions for the new service access point identifier;

wherein the equipment is further configured to continue to provide messages for the old service access point identifier after providing to the user equipment device the request to change to the new service access point identifier and also to provide the messages for the new service access point identifier.

22. (New) A telecommunication network as in claim 21, wherein the request to change to the new service access point identifier is included in a packet data protocol context modify request.